

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re: Application of:**

Nathaniel Frampton,  
Eileen Heider  
Michael Miller  
Erika Valentine  
J. Michael Bearden  
and  
Thomas A. McWilliams

**Examiner:** Dwain M. Craig

**Serial No.:** 10/707,879

**Group Art Unit:** 2123

**Filed:** January 20, 2004

**For:** SYSTEM AND METHOD FOR  
MODEL BASED CONTROL  
OF A MECHANICAL PROCESS

**AMENDMENT**

Mail Stop: Amendment  
Commissioner of Patents,  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed October 2, 2006, the deadline for normal response expiring on January 2, 2007, please amend the Application as follows:

**Amendments to the Claims:** Please substitute the new Claims listing beginning on page 2 of this paper.

**Remarks** begin on page 12 of this paper.